

PowerCure™ 369 Photoinitiator

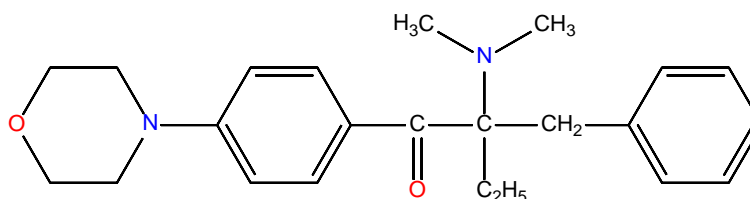
Introduction PowerCure™ 369 is a highly efficient photoinitiator which combines fast cure response in dark colors, low migration and reduced odor on UV exposure.

Chemical Name 2-Benzyl-2-(dimethylamino)-1-[4-(4-morpholinyl)phenyl]-1-butanone

CAS Number 119313-12-1

EINECS Number 404-360-3

Chemical Structure



Chemical Formula C₂₃H₃₀O₂N₂

Molecular Weight 366.5

Physical Properties

Appearance	Light yellow crystal
Melting point (°C)	110-119
Volatiles (%)	Max.0.3
Purity (%)	Min.99

Solubility

Solubility [20°C]	% w/w
Acetone	17
Butyacetate	11
Toluene	27
Hexandedioldiacrylatte (HDDA)	5

Benefits & Applications

PowerCure™ 369 is especially suitable for pigmented UV curable systems, photoresists and printing plates.

It can be used in combination with other photoinitiators to overcome oxygen

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inhibition.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerCure™ 369 is supplied in a 20Kg Carton.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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